

REMARKS/ARGUMENTS

1. Rejection of claims 1, 4, and 7 under 35 U.S.C. 102(b):

Claims 1, 4, and 7 are rejected under 35 U.S.C. 102(b) as being anticipated by Berkovich et al. (US 4,598,411).

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Response:

Independent claims 1 and 7 have been amended to clarify the claimed invention. Claims 1 now specifies the step of “compressing the video image with one of at least a first compressing mode and a second compressing mode for each basic
10 compression unit, wherein the first compressing mode and the second compressing mode have compression ratios different from each other”. Similarly, claim 7 specifies that the video image capturing and displaying system comprises “a video image compressing module comprising at least a first compressing engine and a second compressing engine, for compressing the captured video image, wherein the
15 first compressing engine and the second compressing engine have compression ratios different from each other”. These amendments are fully supported in the specification of the instant application, such as in paragraphs 17, 24, and 25, and no new matter is added.

20 In the present invention, each line of an image frame is used as a basic compression unit. Different compression modes and compression ratios can be used to compress different lines of the image frame.

25 In contrast, Berkovich teaches in column 3, lines 9-15 “*The two Data Compression Modules 12 and 14 implement a conventional multi-buffering scheme such that when data is being received by one of the Data Compression Modules, the other Data Compression Module is serially transmitting the compressed data by means of a Transmitter 16 to a Decoder 18 over a Communication Link 24.*” That is,

5 Berkovich teaches that the two Data Compression Modules 12 and 14 are used to process and compress received data in parallel. While one Data Compression Module is receiving data, the other Data Compression Module can output compressed data. In this way, the compression efficiency is increased by having two separate Data Compression Modules 12 and 14.

10 Berkovich does not teach that the two Data Compression Modules 12 and 14 have compression ratios different from each other, and Berkovich does not teach or suggest that different lines of an image frame should be compressed with different compression ratios. Therefore, the applicant respectfully submits that the currently amended claims 1 and 7 are patentable over Berkovich. Claim 4 is dependent upon claim 1, and should be allowed if claim 1 is allowed. Reconsideration of claims 1, 4, and 7 is therefore respectfully requested.

15 2. Rejection of claims 2 and 3 under 35 U.S.C. 103(a):

Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Berkovich et al. (US 4,598,411).

Response:

20 Claims 2 and 3 are dependent on claim 1, and should be allowed if claim 1 is allowed. Reconsideration of claims 2 and 3 is therefore respectfully requested.

3. Rejection of claims 1 and 3-7 on the ground of nonstatutory obviousness-type double patenting:

25 Claims 1 and 3-7 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1, 4, 5, and 7-9 of U.S. Patent No. 7,319,793.

Response:

A terminal disclaimer has been filed to overcome this nonstatutory obviousness-type double patenting rejection. Reconsideration of claims 1 and 3-7 is therefore respectfully requested.

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4. Provisional rejection of claims 1, 3, and 5-7 on the ground of nonstatutory obviousness-type double patenting:

Claims 1, 3, and 5-7 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 12, and 14-16 of copending Application No. 10/904,705.

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Response:

A terminal disclaimer has been filed to overcome this provisional nonstatutory obviousness-type double patenting rejection. Reconsideration of claims 1, 3, and 5-7 is therefore respectfully requested.

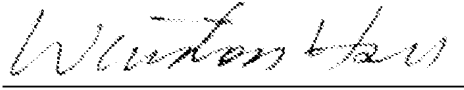
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In view of the claim amendments and the above arguments in favor of patentability, the applicant respectfully requests that a timely Notice of Allowance be issued in this case.

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Sincerely yours,



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- 10 Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)